

CORRES. CONTROL  
OUTGOING LTR. NO.

DOE ORDER #

01-RF-02898

DIST. LTR ENC

BRAILS FORD, M.D.

FERRI, J.S.

MARTINEZ, L. A.

PARKER, A.M.

POWERS, K.

SCOTT, G.K.

SHELTON, D.C.

SPEARS, M.S.

TRICE, K.D.

TUOR, N. R.

BUTLER, J. L.

CHRITTON, M. R.

DIETERLE, S. E.

FERRERA, D. W.

GIANTI, S. J.

GIBBS, F.E.

RICHARDELLA, R.

STEWART, G. W.



KAISER-HILL  
COMPANY

DEC 14 2001

01-RF-02898

Steve Tower  
D&D Program Lead  
DOE, RFFO

RSOP FOR COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION  
ACTIVITIES NOTIFICATION LETTER FOR BUILDINGS 881, 881F, 887 and Stacks S1-S3  
COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION – FEG-011-01

Attached is a draft transmittal letter to the Colorado Department of Public Health and Environment for the RSOP notification for Buildings 881, 881F, and 887 and Stacks S1-S3 component removal, size reduction and decontamination. The draft transmittal letter has been prepared from DOE building point of contact to CDPHE building point of contact; however, it could also be addressed from DOE RFCA coordinator to CDPHE RFCA coordinator.

Please contact Dyan Foss X7577 with questions or concerns.

CORRES. CONTROL X X

ADMIN RECD/080

TRAFFIC

PATS/130 X X

CLASSIFICATION:

UCNI

UNCLASSIFIED X X

CONFIDENTIAL

SECRET

AUTHORIZED CLASSIFIER DLF:jlh

SIGNATURE:

CJ FAE 12/14/01

Date: 12/14/01

IN REPLY TO RFP CC NO.:

CC:

ACTION ITEM STATUS:

☐ PARTIAL/OPEN

☐ CLOSED

LTR APPROVALS:

ORIG. & TYPIST INITIALS:

DLF:jlh

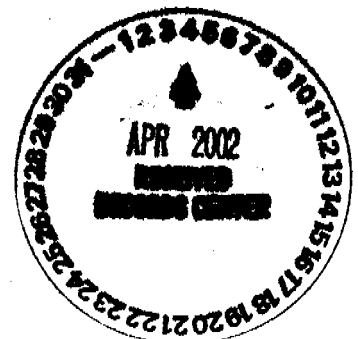
*Frank E. Gibbs*

Frank E. Gibbs  
Manager, Industrial Facility Disposition  
Remediation, Industrial D&D, and Site Services  
Kaiser-Hill Company, LLC

Attachment:  
As Stated

Org. and 1 cc – Steve Tower

Joe Legare



DEC 14 2001

Attachment  
Steve Tower  
FEG-011-01  
Page 1 of 17

David Kruchek  
Colorado Department of Health and Environment  
4300 Cherry Creek Drive South  
Denver, CO 80222-1530

**RSOP FOR COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION  
ACTIVITIES NOTIFICATION LETTER FOR BUILDINGS 881, 881F, AND 887 AND STACKS  
S1-S3 COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION**

Mr. Kruchek:

In accordance with the Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Component Removal, Size Reduction and Decontamination Activities, this letter and its attachments is notification for RSOP implementation. This notification is for all activities required to bring Buildings 881, 881F and 887 and Stacks S1-S3 to the unrestricted release criteria with the exception of RCRA unit closure. This will involve component removal, size reduction and decontamination activities utilizing the methods specified in the RSOP. A decommissioning strategy for Building 881 was included in the RISS PMP, and this strategy included 881F, 887 and stacks S1-S3. Once the technical approach is received from the selected subcontractor, it will be compared to this strategy; a scoping meeting will be held with CDPHE to discuss the differences between the original strategy and the subcontractor's strategy.

Open/active RCRA units associated with these facilities will be closed in accordance with the RSOP, but the notification requirements will be addressed under a separate notification. Once the pre-demolition survey is complete and the facility meets the unrestricted release criteria, an additional notification letter will be prepared to implement the RSOP for Facility Disposition.

This work will be conducted by a decommissioning subcontractor. The requirements, methods, controls, and processes outlined in the RSOPs have been included into the scope of work for the subcontract. If the subcontractor would like to use a method or process not included in the RSOPs then the subcontractor is required to notify Kaiser-Hill. If the subcontractor proposes to use alternate methods, an additional notification will be made and, in consultation with DOE/LRA, the RFCA process for decision document modification will be used.

The appropriate checklists and information required by the RSOP are attached to this letter and should provide the necessary information. This work will be conducted in accordance with the work control documentation prepared by the subcontractor. The exact methods and process selected by the subcontractor and progress of the activities will be communicated to DOE/LRA through the consultative process, particularly the monthly RISS production meetings. The facility will not be breached during the activity.

As indicated in the RSOP, the LRA has 14 days to review the RSOP notification letter and provide feedback, including a definitive reason for not proceeding with the project. If no feedback is received within 14 days, the project will proceed as planned.

If you have any questions regarding this, please contact me at (303) 966-2133.

Steve Tower  
U.S. Department of Energy

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# RSOP for Component Removal, Size Reduction, and Decontamination Activities Checklist

|  |   |   |
|--|---|---|
| <b>Project scope:</b> Buildings 881, 881F and 887 and Stacks S1-S3 component removal, size reduction, and decontamination  |   |   |
| <b>Facility description:</b> Building 881, Manufacturing and General Support Building<br>Building 881F, Filter Plenum (881 roof) Zone 1<br>Building 887, Sewage and Process Waste Lift Station<br>Stack 881-S1, ventilation stack north of 881, west stack<br>Stack 881-S2, ventilation stack, north of 881, east stack<br>Stack 881-S3, ventilation stack, south of 881 |   |   |
| <b>Description of planned activity(ies):</b> The decontamination, size reduction, and component removal required to bring Buildings 881, 881F and 887 and Stacks S1-S3 to the unrestricted release criteria.   |   |   |
| <b>Facility/rooms/sets/areas involved:</b> Building 881, Set 1 and Areas AA-AN<br>Building 881F, Set 2 and Area AN<br>Building 887, Area AO<br>Stack 881-S1, Area AF<br>Stack 881-S2, Area AM<br>Stack 881-S3, Area AN   |   |   |
| <b>Is RCRA unit closure(s) part of the planned activity?</b>   |   | <input type="checkbox"/> Yes  |
| <b>If RCRA units are included, attach unit specific information sheets and drawings</b>  |   | <input checked="" type="checkbox"/> No*                                 |
| *RCRA unit closure will be addressed under a separate notification letter  |   |   |
| <b>Attach checklists from Appendix A of the RSOP.</b><br><i>Complete checklists by room/set/area/facility, as appropriate</i>  |   | <input checked="" type="checkbox"/> Component Removal/Size Reduction    |
|  |   | <input checked="" type="checkbox"/> Decontamination                     |
| <b>RLCR Status</b>   | <b>RLCR complete and concurrence received:</b>                                      |   |
| <input checked="" type="checkbox"/>  | RLCR initiated but incomplete; concurrence anticipated: Submitted to CDPHE 11/13/01 |   |
| <input type="checkbox"/>   | RLC has not been initiated <sup>1</sup> and is scheduled for initiation on:         |   |
| <b>If RLCR is not complete or initiated, what data will be used to plan the work activities?</b>   |   |   |
| <b>Activity requires modification to the ARARs listed in the RSOP.</b>   |   | <input type="checkbox"/> Yes, attach to letter                          |
|  |   | <input checked="" type="checkbox"/> No                                  |
| <b>Attach Administrative Record file requirements for the activity.</b>  |   |   |
| <b>Point of contact for each facility/activity:</b> Kent Dorr, 303-966-6034  |   |   |
| <b>Duration of work activities:</b> 18 months <b>Anticipated work start:</b> 1/1/02  |   |   |
| <b>Attach schedule for each facility or activity for information purposes.</b>   |   |   |
| <b>Does the activity involve removing contaminated portions of the building shell? Include a description of the activity, contamination levels and controls</b>  |   | <input type="checkbox"/> Yes, LRA consultation and concurrence required |
|  |   | <input checked="" type="checkbox"/> No                                  |

<sup>1</sup> Evaluate using DPP, Sections 1.1.4 and 1.1.5 and the consultative process to implement activities

# RSOP for Component Removal, Size Reduction, and Decontamination Activities Checklist

|   |     |                                     |     |  |                                     |  |      |                                     |          |                                     |                          |
|---|-----|-------------------------------------|-----|--|-------------------------------------|--|------|-------------------------------------|----------|-------------------------------------|--------------------------|
| Are there deviations/exceptions to the RSOP for the proposed activity(ies)? |     |                                     |     |  |                                     |  |      |                                     |          | <input type="checkbox"/>            | Yes                      |
|   |     |                                     |     |  |                                     |  |      |                                     |          | <input checked="" type="checkbox"/> | No                       |
| Provide an explanation of deviation/exception to the RSOP: Not applicable   |     |                                     |     |  |                                     |  |      |                                     |          |                                     |                          |
| C. Check the appropriate resulting action box below                         |     |                                     |     |  |                                     |  |      |                                     |          |                                     |                          |
| Additional RFCA decision document required (PAM – IM/IRA)                   |     |                                     |     |  |                                     |  |      |                                     |          |                                     |                          |
| Major modification to RSOP  |     |                                     |     |  |                                     | Field change to RSOP                   |      |                                     |          |                                     |                          |
| Minor modification to RSOP  |     |                                     |     |  |                                     | LRA consultation                       |      |                                     |          |                                     |                          |
| Activity(ies) will result in the following waste types                      |     |                                     |     |  |                                     |  |      |                                     |          | <input type="checkbox"/>            | Process waste            |
|   |     |                                     |     |  |                                     |  |      |                                     |          | <input checked="" type="checkbox"/> | Remediation waste        |
| <input checked="" type="checkbox"/>   | TRU | <input checked="" type="checkbox"/> | LLW |  | LLMW                                |  | Haz. | <input checked="" type="checkbox"/> | Sanitary | <input checked="" type="checkbox"/> | Other: recyclable/re-use |
| LRA Notification Review Time  |     |                                     |     |  | <input checked="" type="checkbox"/> | 14 days, no RCRA unit closure involved |      |                                     |          |                                     |                          |
|   |     |                                     |     |  |                                     | 30 days, RCRA unit closure involved    |      |                                     |          |                                     |                          |

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# FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

Building: 881

Closure Project Manager: Kent Dorr

## COMPONENT REMOVAL/SIZE REDUCTION

|   |   |
|---|---|
| Gloveboxes  | ✓ |
| Tanks and ancillary equipment (located both inside and outside the facility)  | ✓ |
| Fume hoods  | ✓ |
| Ventilation/filtration systems (both inside and outside the facility)   | ✓ |
| Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems) | ✓ |
| Walls   | ✓ |
| Floors  |   |
| Ceilings  | ✓ |
| Roofs   |   |
| Other structural members  |   |
| Other*  |   |

|   |   |
|---|---|
| Small tools   | ✓ |
| Paving breaker, jackhammer and/or similar tools used to break up concrete                               | ✓ |
| Excavators, such as backhoes, to excavate underground components, such as tanks and ancillary equipment | ✓ |
| Hoists and cranes   | ✓ |
| Plasma arc cutter   | ✓ |
| Diamond wire saw  |   |
| Wachs cutter  |   |
| Laser cutter  |   |
| Oxy-torch cutter  |   |
| Hydraulic shears  | ✓ |
| Shear baler   | ✓ |
| Water cutter using abrasives  | ✓ |
| Arc air slice   |   |
| Arbor press   |   |
| Non-explosive cracking agent  |   |
| Other *   |   |

\* Describe "Other" Component Type(s) and/or Removal/Size Reduction Technique(s):

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# FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

## DECONTAMINATION

|   |   |
|---|---|
| Gloveboxes  | ✓ |
| Tanks and ancillary equipment (located both inside and outside the facility)  | ✓ |
| Fume hoods  | ✓ |
| Ventilation/filtration systems (both inside and outside the facility)   | ✓ |
| Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems) | ✓ |
| Walls   | ✓ |
| Floors  | ✓ |
| Ceilings  | ✓ |
| Roofs   |   |
| Other structural members  |   |
| Other*  |   |

|  |   |
|--|---|
| Wiping/scrubbing/washing with water or detergents            | ✓ |
| Vacuuming  | ✓ |
| Strippable Coating   | ✓ |
| Grinding   | ✓ |
| Scarifying   | ✓ |
| Scabbling  | ✓ |
| Paving breaker/chipping hammer                               | ✓ |
| Spalling   | ✓ |
| Abrasive/grit blasting                                       | ✓ |
| CO <sub>2</sub> blasting                                     |   |
| Hydrolasing  | ✓ |
| Strong mineral acids   |   |
| Organic or weak acids  |   |
| Additional oxidants, such as cerium and other similar metals |   |
| Other *  |   |

\* Describe "Other" Component(s) and/or Decontamination Technique(s):

**Note:** In the event a planned activity falls outside the scope of this RSOP, the closure project manager will consult with DOE and the LRA to determine whether this RSOP should be modified to include the activity, or whether a separate decision document should be written.

Prepared by:

*[Signature]*

Date:

12/10/01

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**FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION  
ACTIVITY CHECKLIST**

**Building:** 881F

**Closure Project Manager:** Kent Dorr

**COMPONENT REMOVAL/SIZE REDUCTION**

|   |   |
|---|---|
| Gloveboxes  |   |
| Tanks and ancillary equipment (located both inside and outside the facility)  |   |
| Fume hoods  |   |
| Ventilation/filtration systems (both inside and outside the facility)   | ✓ |
| Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems) | ✓ |
| Walls   |   |
| Floors  |   |
| Ceilings  | ✓ |
| Roofs   |   |
| Other structural members  |   |
| Other*  |   |

|   |   |
|---|---|
| Small tools   | ✓ |
| Paving breaker, jackhammer and/or similar tools used to break up concrete                               | ✓ |
| Excavators, such as backhoes, to excavate underground components, such as tanks and ancillary equipment | ✓ |
| Hoists and cranes   | ✓ |
| Plasma arc cutter   |   |
| Diamond wire saw  |   |
| Wachs cutter  | ✓ |
| Laser cutter  |   |
| Oxy-torch cutter  | ✓ |
| Hydraulic shears  | ✓ |
| Shear baler   | ✓ |
| Water cutter using abrasives  | ✓ |
| Arc air slice   | ✓ |
| Arbor press   |   |
| Non-explosive cracking agent  |   |
| Other *   | ✓ |

\* Describe "Other" Component Type(s) and/or Removal/Size Reduction Technique(s):

7

**FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION  
ACTIVITY CHECKLIST**

**DECONTAMINATION**

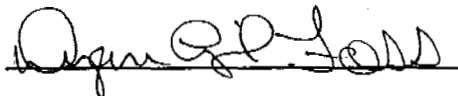
|   |   |
|---|---|
| Gloveboxes  |   |
| Tanks and ancillary equipment (located both inside and outside the facility)  |   |
| Fume hoods  |   |
| Ventilation/filtration systems (both inside and outside the facility)   | ✓ |
| Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems) | ✓ |
| Walls   | ✓ |
| Floors  | ✓ |
| Ceilings  | ✓ |
| Roofs   |   |
| Other structural members  |   |
| Other*  |   |

|  |   |
|--|---|
| Wiping/scrubbing/washing with water or detergents            | ✓ |
| Vacuuming  | ✓ |
| Strippable Coating   | ✓ |
| Grinding   | ✓ |
| Scarifying   | ✓ |
| Scabbling  | ✓ |
| Paving breaker/chipping hammer                               | ✓ |
| Spalling   | ✓ |
| Abrasive/grit blasting                                       | ✓ |
| CO <sub>2</sub> blasting                                     |   |
| Hydrolasing  | ✓ |
| Strong mineral acids   |   |
| Organic or weak acids  |   |
| Additional oxidants, such as cerium and other similar metals |   |
| Other *  |   |

\* Describe "Other" Component(s) and/or Decontamination Technique(s):

**Note:** In the event a planned activity falls outside the scope of this RSOP, the closure project manager will consult with DOE and the LRA to determine whether this RSOP should be modified to include the activity, or whether a separate decision document should be written.

Prepared by:



Date:

12/10/01

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**FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION  
ACTIVITY CHECKLIST**

**Building:** 887

**Closure Project Manager:** Kent Dorr

**COMPONENT REMOVAL/SIZE REDUCTION**

|   |   |
|---|---|
| Gloveboxes  |   |
| Tanks and ancillary equipment (located both inside and outside the facility)  | ✓ |
| Fume hoods  |   |
| Ventilation/filtration systems (both inside and outside the facility)   | ✓ |
| Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems) | ✓ |
| Walls   |   |
| Floors  |   |
| Ceilings  | ✓ |
| Roofs   |   |
| Other structural members  |   |
| Other*  |   |

|   |   |
|---|---|
| Small tools   | ✓ |
| Paving breaker, jackhammer and/or similar tools used to break up concrete                               | ✓ |
| Excavators, such as backhoes, to excavate underground components, such as tanks and ancillary equipment | ✓ |
| Hoists and cranes   | ✓ |
| Plasma arc cutter   |   |
| Diamond wire saw  |   |
| Wachs cutter  | ✓ |
| Laser cutter  |   |
| Oxy-torch cutter  | ✓ |
| Hydraulic shears  | ✓ |
| Shear baler   | ✓ |
| Water cutter using abrasives  | ✓ |
| Arc air slice   |   |
| Arbor press   |   |
| Non-explosive cracking agent  |   |
| Other *   |   |

\* Describe "Other" Component Type(s) and/or Removal/Size Reduction Technique(s):

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# FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

## DECONTAMINATION

|   |   |
|---|---|
| Gloveboxes  |   |
| Tanks and ancillary equipment (located both inside and outside the facility)  | ✓ |
| Fume hoods  |   |
| Ventilation/filtration systems (both inside and outside the facility)   | ✓ |
| Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems) | ✓ |
| Walls   | ✓ |
| Floors  | ✓ |
| Ceilings  |   |
| Roofs   |   |
| Other structural members  |   |
| Other*  |   |

|  |   |
|--|---|
| Wiping/scrubbing/washing with water or detergents            | ✓ |
| Vacuuming  | ✓ |
| Strippable Coating   | ✓ |
| Grinding   | ✓ |
| Scarifying   | ✓ |
| Scabbling  | ✓ |
| Paving breaker/chipping hammer                               | ✓ |
| Spalling   | ✓ |
| Abrasive/grit blasting                                       | ✓ |
| CO <sub>2</sub> blasting                                     |   |
| Hydrolasing  | ✓ |
| Strong mineral acids   |   |
| Organic or weak acids  |   |
| Additional oxidants, such as cerium and other similar metals |   |
| Other *  |   |

\* Describe "Other" Component(s) and/or Decontamination Technique(s):

**Note:** In the event a planned activity falls outside the scope of this RSOP, the closure project manager will consult with DOE and the LRA to determine whether this RSOP should be modified to include the activity, or whether a separate decision document should be written.

Prepared by:

*[Signature]*

Date:

12/10/01

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# FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

Building: Stack 881-S1

Closure Project Manager: Kent Dorr

## COMPONENT REMOVAL/SIZE REDUCTION

|   |   |
|---|---|
| Gloveboxes  |   |
| Tanks and ancillary equipment (located both inside and outside the facility)  |   |
| Fume hoods  |   |
| Ventilation/filtration systems (both inside and outside the facility)   | ✓ |
| Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems) |   |
| Walls   |   |
| Floors  |   |
| Ceilings  |   |
| Roofs   |   |
| Other structural members  |   |
| Other*  |   |

|   |   |
|---|---|
| Small tools   | ✓ |
| Paving breaker, jackhammer and/or similar tools used to break up concrete                               |   |
| Excavators, such as backhoes, to excavate underground components, such as tanks and ancillary equipment |   |
| Hoists and cranes   | ✓ |
| Plasma arc cutter   |   |
| Diamond wire saw  |   |
| Wachs cutter  |   |
| Laser cutter  |   |
| Oxy-torch cutter  |   |
| Hydraulic shears  |   |
| Shear baler   |   |
| Water cutter using abrasives  |   |
| Arc air slice   |   |
| Arbor press   |   |
| Non-explosive cracking agent  |   |
| Other *   | ✓ |

\* Describe "Other" Component Type(s) and/or Removal/Size Reduction Technique(s):

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**FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION  
ACTIVITY CHECKLIST**

**DECONTAMINATION**

|   |   |
|---|---|
| Gloveboxes  |   |
| Tanks and ancillary equipment (located both inside and outside the facility)  |   |
| Fume hoods  |   |
| Ventilation/filtration systems (both inside and outside the facility)   | ✓ |
| Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems) |   |
| Walls   | ✓ |
| Floors  | ✓ |
| Ceilings  |   |
| Roofs   |   |
| Other structural members  |   |
| Other*  |   |

|  |   |
|--|---|
| Wiping/scrubbing/washing with water or detergents            | ✓ |
| Vacuuming  | ✓ |
| Strippable Coating   |   |
| Grinding   | ✓ |
| Scarifying   | ✓ |
| Scabbling  | ✓ |
| Paving breaker/chipping hammer                               | ✓ |
| Spalling   | ✓ |
| Abrasive/grit blasting                                       | ✓ |
| CO <sub>2</sub> blasting                                     |   |
| Hydrolasing  | ✓ |
| Strong mineral acids   |   |
| Organic or weak acids  |   |
| Additional oxidants, such as cerium and other similar metals |   |
| Other *  |   |

\* Describe "Other" Component(s) and/or Decontamination Technique(s):

Note: In the event a planned activity falls outside the scope of this RSOP, the closure project manager will consult with DOE and the LRA to determine whether this RSOP should be modified to include the activity, or whether a separate decision document should be written.

Prepared by:

Debra G. Sloss

Date:

12/10/01

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# FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

Building: Stack 881-S2

Closure Project Manager: Kent Dorr

## COMPONENT REMOVAL/SIZE REDUCTION

|   |   |
|---|---|
| Gloveboxes  |   |
| Tanks and ancillary equipment (located both inside and outside the facility)  |   |
| Fume hoods  |   |
| Ventilation/filtration systems (both inside and outside the facility)   | ✓ |
| Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems) |   |
| Walls   |   |
| Floors  |   |
| Ceilings  |   |
| Roofs   |   |
| Other structural members  |   |
| Other*  |   |

|   |   |
|---|---|
| Small tools   | ✓ |
| Paving breaker, jackhammer and/or similar tools used to break up concrete                               |   |
| Excavators, such as backhoes, to excavate underground components, such as tanks and ancillary equipment |   |
| Hoists and cranes   | ✓ |
| Plasma arc cutter   |   |
| Diamond wire saw  |   |
| Wachs cutter  |   |
| Laser cutter  |   |
| Oxy-torch cutter  |   |
| Hydraulic shears  |   |
| Shear baler   |   |
| Water cutter using abrasives  |   |
| Arc air slice   |   |
| Arbor press   |   |
| Non-explosive cracking agent  |   |
| Other *   |   |

\* Describe "Other" Component Type(s) and/or Removal/Size Reduction Technique(s):

# FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

## DECONTAMINATION

|   |   |
|---|---|
| Gloveboxes  |   |
| Tanks and ancillary equipment (located both inside and outside the facility)  |   |
| Fume hoods  |   |
| Ventilation/filtration systems (both inside and outside the facility)   | ✓ |
| Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems) |   |
| Walls   | ✓ |
| Floors  | ✓ |
| Ceilings  |   |
| Roofs   |   |
| Other structural members  |   |
| Other*  |   |

|  |   |
|--|---|
| Wiping/scrubbing/washing with water or detergents            | ✓ |
| Vacuuming  | ✓ |
| Strippable Coating   |   |
| Grinding   | ✓ |
| Scarifying   | ✓ |
| Scabbling  | ✓ |
| Paving breaker/chipping hammer                               | ✓ |
| Spalling   | ✓ |
| Abrasive/grit blasting                                       | ✓ |
| CO <sub>2</sub> blasting                                     |   |
| Hydrolasing  | ✓ |
| Strong mineral acids   |   |
| Organic or weak acids  |   |
| Additional oxidants, such as cerium and other similar metals |   |
| Other *  |   |

\* Describe "Other" Component(s) and/or Decontamination Technique(s):

**Note:** In the event a planned activity falls outside the scope of this RSOP, the closure project manager will consult with DOE and the LRA to determine whether this RSOP should be modified to include the activity, or whether a separate decision document should be written.

Prepared by:

*[Signature]*

Date:

12/10/01

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# FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

Building: Stack 881-S3

Closure Project Manager: Kent Dorr

## COMPONENT REMOVAL/SIZE REDUCTION

|   |   |
|---|---|
| Gloveboxes  |   |
| Tanks and ancillary equipment (located both inside and outside the facility)  |   |
| Fume hoods  |   |
| Ventilation/filtration systems (both inside and outside the facility)   | ✓ |
| Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems) |   |
| Walls   |   |
| Floors  |   |
| Ceilings  |   |
| Roofs   |   |
| Other structural members  |   |
| Other*  |   |

|   |   |
|---|---|
| Small tools   | ✓ |
| Paving breaker, jackhammer and/or similar tools used to break up concrete                               |   |
| Excavators, such as backhoes, to excavate underground components, such as tanks and ancillary equipment |   |
| Hoists and cranes   | ✓ |
| Plasma arc cutter   |   |
| Diamond wire saw  |   |
| Wachs cutter  |   |
| Laser cutter  |   |
| Oxy-torch cutter  |   |
| Hydraulic shears  |   |
| Shear baler   |   |
| Water cutter using abrasives  |   |
| Arc air slice   |   |
| Arbor press   |   |
| Non-explosive cracking agent  |   |
| Other *   |   |

\* Describe "Other" Component Type(s) and/or Removal/Size Reduction Technique(s):

# FACILITY COMPONENT REMOVAL, SIZE REDUCTION, AND DECONTAMINATION ACTIVITY CHECKLIST

## DECONTAMINATION

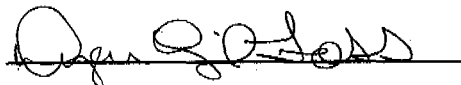
|   |   |
|---|---|
| Gloveboxes  |   |
| Tanks and ancillary equipment (located both inside and outside the facility)  |   |
| Fume hoods  |   |
| Ventilation/filtration systems (both inside and outside the facility)   | ✓ |
| Utilities and other equipment (both inside and outside the facility; including electrical, steam, and fire suppression systems) |   |
| Walls   | ✓ |
| Floors  | ✓ |
| Ceilings  |   |
| Roofs   |   |
| Other structural members  |   |
| Other*  |   |

|  |   |
|--|---|
| Wiping/scrubbing/washing with water or detergents            | ✓ |
| Vacuuming  | ✓ |
| Strippable Coating   |   |
| Grinding   | ✓ |
| Scarifying   | ✓ |
| Scabbling  | ✓ |
| Paving breaker/chipping hammer                               | ✓ |
| Spalling   | ✓ |
| Abrasive/grit blasting                                       | ✓ |
| CO <sub>2</sub> blasting                                     |   |
| Hydrolasing  | ✓ |
| Strong mineral acids   |   |
| Organic or weak acids  |   |
| Additional oxidants, such as cerium and other similar metals |   |
| Other *  |   |

\* Describe "Other" Component(s) and/or Decontamination Technique(s):

Note: In the event a planned activity falls outside the scope of this RSOP, the closure project manager will consult with DOE and the LRA to determine whether this RSOP should be modified to include the activity, or whether a separate decision document should be written.

Prepared by:



Date:

12/10/01



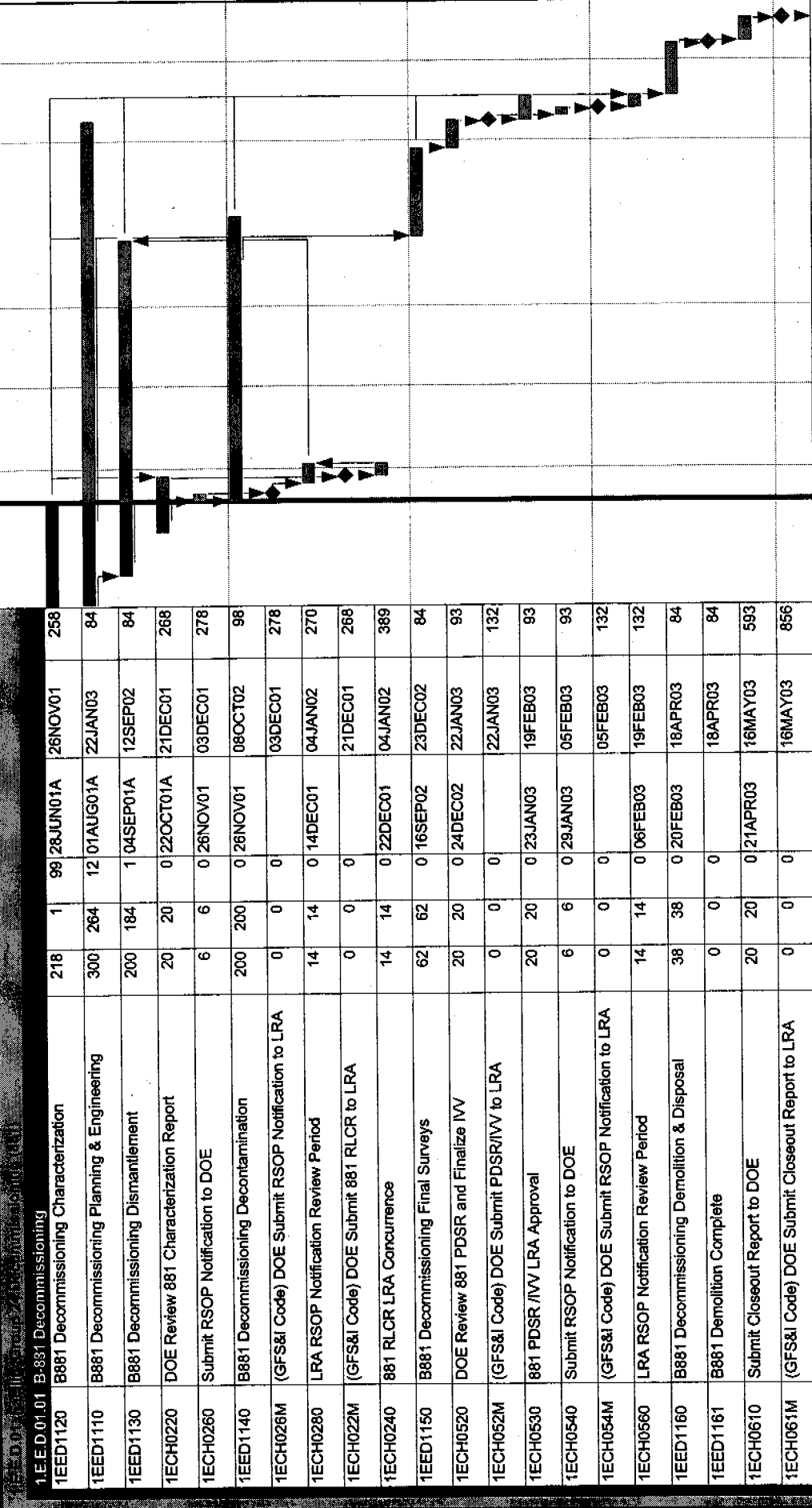
### **Administrative Record Requirements for this Activity**

- Final Rocky Flats Cleanup Agreement (RFCA)
- RFETS Decommissioning Program Plan (DPP)
- RFCA Standard Operating Protocol for Component Removal, Size Reduction, and Decontamination Activities
- Reconnaissance Level Characterization Report 881 Cluster Closure Project (Buildings 881, 881F, and 887 and Stacks 1, 2, and 3)
- Building 881 Closure Project Scoping Meeting Minutes/Disposition
- Notification Letter and subsequent CDPHE correspondence, if appropriate

# 1 Rocky Flats Closure Project

## 1.E Industrial and Site Services Project

1.E.E 881168



Start Date

Finish Date

Data Date

Run Date

01FEB99

15DEC05

26NOV01

03DEC01 12:57

Early Bar

Progress Bar

Critical Activity

CPBA - RISS

KAISER-HILL COMPANY

Facility Group 24 (881)

Demolition Schedule

Sheet 1 of 2

KAISER-HILL COMPANY

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| Activity ID | Activity Description              | Begin Date | End Date | Early Start | Early Finish | Total Float | Q1 | Q2 | Q3 | Q4 |
|-------------|-----------------------------------|------------|----------|-------------|--------------|-------------|----|----|----|----|
| 1TECH0620   | LRA Closeout Report Review Period | 14         | 14       | 0 17MAY03   | 30MAY03      | 856         |    |    |    |    |

Start Date

Finish Date

Data Date

Run Date

01FEB99

15DEC05

26NOV01

03DEC01 12:57

Early Bar

Progress Bar

Critical Activity

CPBA - RISS

KAISER-HILL COMPANY

Facility Group 24 (881)

Demolition Schedule

Sheet 2 of 2

KAISER-HILL COMPANY

19/19